



ADOT Planning Assistance for Rural Arizona
2009 Town of Sahuarita Area Transportation Study

Contract T0849U0001
Purchase Order PG TD 0250
Task Assignment TPD15-09

TAC Meeting No. 2

April 17, 2009
Town of Sahuarita, Public Works Building
14311-1 S. Rancho Sahuarita Blvd.
Sahuarita, AZ 85629
9:00 a.m. – 11:30 a.m.

ATTENDANCE

Dave Pfordt, Town of Sahuarita, *(Local Project Manager)*
Charlene FitzGerald, ADOT MPD *(Project Manager)*
Ann Chanecka, PAG
Reza Karimvand, *ADOT Tucson District*
Robert Young, *Pima County*

Consultant Staff in Attendance

Brent Crowther, *Kimley-Horn & Associates, Inc. (Project Manager)*
Mary Rodin, *Kimley-Horn & Associates, Inc.*
Marcos Esparza, *Curtis Lueck and Associates*
Angie Brown, *Gordley Design Group*
Melissa Benton, *Gordley Design Group*

MEETING SUMMARY

TAC Meeting 2 for the 2009 Town of Sahuarita Area Transportation Study was held on April 17, 2009 at the Town of Sahuarita Public Works Building. The meeting began at 9:00 a.m. and adjourned at 11:30 a.m.

Brent Crowther, Consultant Project Manager, opened the meeting and thanked all for their attendance. He allowed for self-introductions. Meeting agenda items included a review of Draft Working Paper 1- Existing and Future Conditions, and a review of Public Meeting 1 materials.

Following are key points for each agenda item that was discussed during the meeting.

Overview of Project Objectives

Brent Crowther reviewed the purpose of the study, including:

- Document current and future conditions relating to multimodal transportation in the Town of Sahuarita planning area.
- Identify mobility and access needs and deficiencies.
- Recommend a program of improvements. The program will be organized into a short-term (5 years), mid-term (10 years), and long term-improvements.
- Develop a Major Streets and Routes Plan.
- Identify funding opportunities for implementation of the 5, 10, and long-range improvements.

Working Paper 1 Review

Brent Crowther distributed copies of Working Paper 1, dated April 15, 2009. The April 15 version includes updated HCM analysis.

Comments relating to the Draft Working Paper 1 were:

Existing Traffic Volumes

- On Exhibit 2-5, *Historic Average Daily Traffic Volumes*, label traffic volumes as “bi-directional”. Explain that this means “in both directions”
- Check if there is updated I-19 traffic volume data. Reza Karimvand has 2008 data showing 25,000 vehicles per day in one direction on I-19.

Existing Capacity Analysis

- Reza Karimvand commented that ADOT usually uses 0.90 for the value of the peak hour factor in the HCS analysis; however the 0.91 value the team used is fine.
- Dave Pfordt asked about a public meeting display showing the LOS definition. It was later determined that an LOS definition display will be provided.
- Reza Karimvand stated that most signals use 120 second cycle length. He said that there is a 90-second cycle length at some traffic signals. He said it probably will not make a difference in the LOS results, however.

Existing Crash Analysis

- Charlene FitzGerald said that a rural safety audit may be advisable at some of the crash sites.
- Reza Karimvand asked if the team would consider computing crash rates for each year – the crash rate documentation will help him to obtain safety improvement funding. It was discussed that there is not enough traffic available data available to provide crash rates for each roadway segment.
- There was a question about the definition of an incapacitating crash. Reza Karimvand said it means a person loses the body function/mobility.
- Charlene FitzGerald said that she would like to see an overlay of the railroad crossings on the crash data exhibits.

- There was a question regarding whether 68 crashes on I-19 was an accurate number, as it appears high. The Project Team will check this number. Marcos Esparza commented that the study team could check with the I-19 Corridor Study.
- There was a question as to whether Exhibit 2-7 (a table) in the report included I-19 crashes. The project team will check and make sure that Exhibit 2-11 (a figure of road segment crash data) is consistent. Mary Rodin suggested that Exhibit 2-7 may not include I-19 crashes.

Transit

- Ann Chanecka said that it had recently been decided that the new Sahuarita and Green Valley transit service would not offer deviated service. However, in a later email to the project team, she said that this decision had been reversed, and the service will offer a deviated fixed route service.
- Ann Chanecka commented that PAG was finishing their regional bike plan and she will email a copy of the draft plan.

Future Traffic Conditions

- Charlene FitzGerald commented that she would like to see a list of major employers and the number of employees for 2008 included in the report. Dave Pfordt said that Kathy Ward in the Town's Economic Development Office would be the contact for that. Charlene FitzGerald also commented that she would like to see an economic development person added to the TAC. Dave Pfordt said that he will invite Kathy Ward to the next TAC meeting.
- Marcos Esparza suggested that the team present a screenline analysis for north-south and east-west traffic volumes in order to show how many total lanes are needed in the future.

Other Report Comments

- Page 36, take out parentheses
- Page 48, Exhibit 2-22, *Summary of Transportation Needs and Deficiencies* - regarding I-19/ Pima Mine Road - summarize study findings and revise to add "interchange improvement"
- Pages 58-59, Exhibit 4-2, *Long Term Programmed Projects in the 2030 RTP*- Add a column showing whether they are underway or underfunded.
- Page 76, Exhibit 4-10, *2040 Forecast Traffic Volumes and Congested Roadway Segments*- Separate traffic volume numbers, as they are running together. Show bi-directional traffic volumes.
- Page 77, Exhibit 4-11, *2020 Traffic Derivation Spreadsheet* - add columns for 2008, 2020, 2040.
- Page 78, Exhibit 4-12, *2020 Forecast Average Daily Traffic* - Add Houghton Road
- Page 61- delete "for 2008"

- Page 83, Exhibit 5-2, *Short Term Roadway Needs and Programmed Projects* - the recommendations are very specific about traffic control, need to be more specific about other improvements.

Functional Class Discussion

- There was a discussion regarding how to present the FHWA and Town functional classifications in the Working Paper. There was discussion about how other jurisdictions, such as Pima County, use a dual classification. It was discussed that ADOT Access Management categories also do not match FHWA functional classification categories. It was noted that the Town Access Management Guidelines are primarily used for determining roadway cross sections. It was decided that a separate access management section should be added to the working paper that will explain the Town of Sahuarita Access Management Guidelines and ADOT Access Management guidelines and discuss what they are used for. Reference to the Town functional classifications will be deleted from the Functional Classification section of the Working Paper.

Draft Report Distribution

- There was a discussion about distributing the draft Working Paper to the UPRR representative and other stakeholders. The consensus was to send an email to stakeholders that will include a link to the ADOT website with the Draft Working Paper posted on it. In this way they can review the report online.
- Robert Young mentioned that representatives from the Union Pacific Railroad had attended the BQAZ meetings.

Open House Displays

Comments on the draft display boards were:

- Add a display board on multimodal issues
- Quail Creek extension- show it dashed on the display board-also show the connection point in a consistent location
- Delete word "estimate" from 2008 volumes
- Add ADOT website address for the project
- Add short term congestion display board for 2020- use colors such as red, orange, etc.
- Label Campbell Avenue on the display boards
- Add Level of Service and functional class
- Show current and future levels of service on the display boards. Add a Level of Service definition board. Convert V/C ratios to level of service. The LOS can be in ranges, e.g. LOS A-D – green, LOS E-yellow, LOS F- red
- PDF and email the revised boards to Reza Karimvand and Charlene FitzGerald

The meeting was adjourned at 11:30 a.m.